

This diagram illustrates a mechanical system for separating solids from a liquid suspension. Key components include:

- Solids (20)**: Material being fed into the system.
- Liquid (32)**: The upper phase in the separation chamber.
- Suspension (40)**: The lower phase containing both liquid and solids.
- Central Column (26)**: Houses a float valve mechanism (24) with a piston (34) and a spring (36).
- Rotor Assembly (12)**: Located at the top of the central shaft (10).

Fig 1

0940420-104001

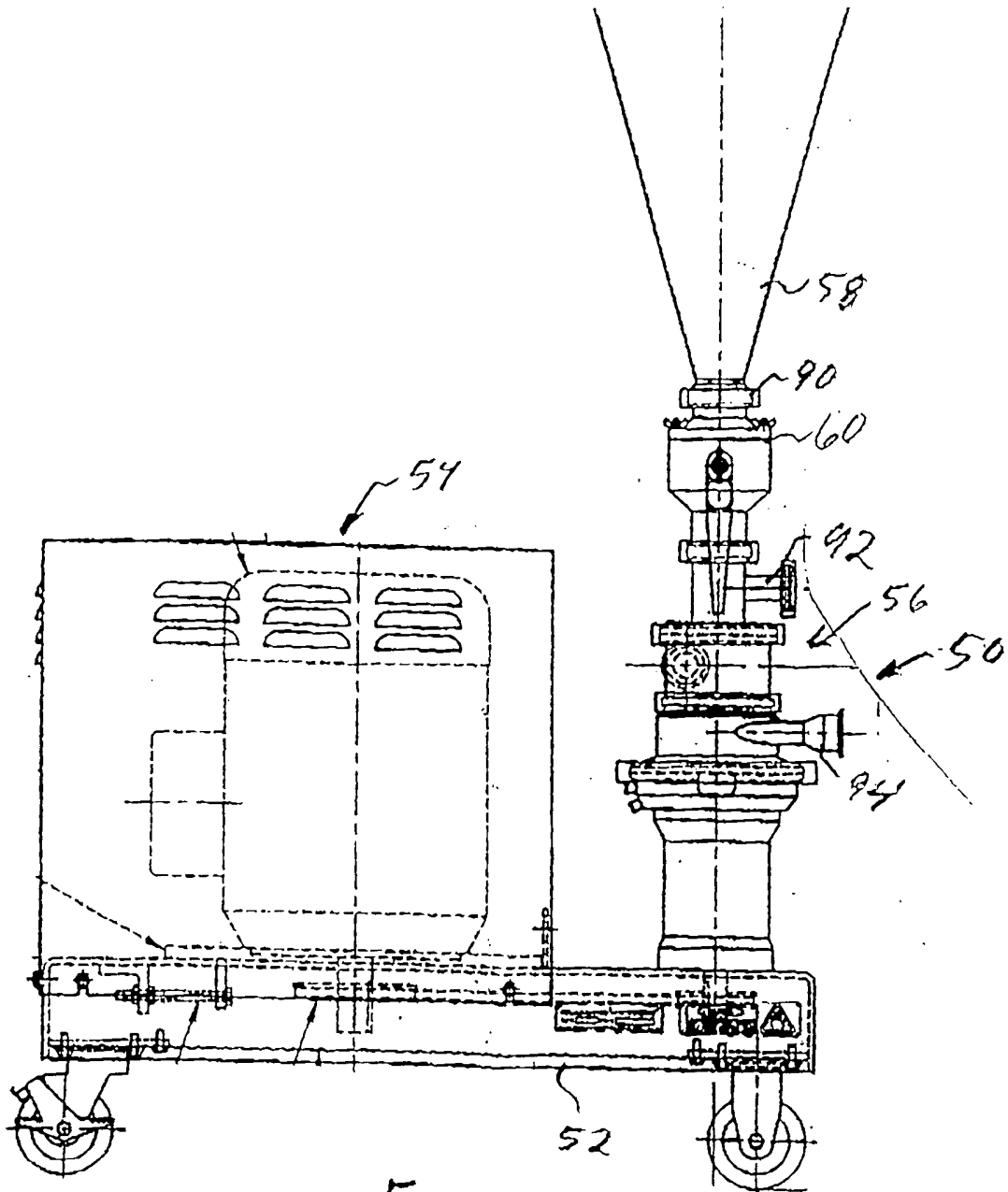


Fig 2

09940123-101504

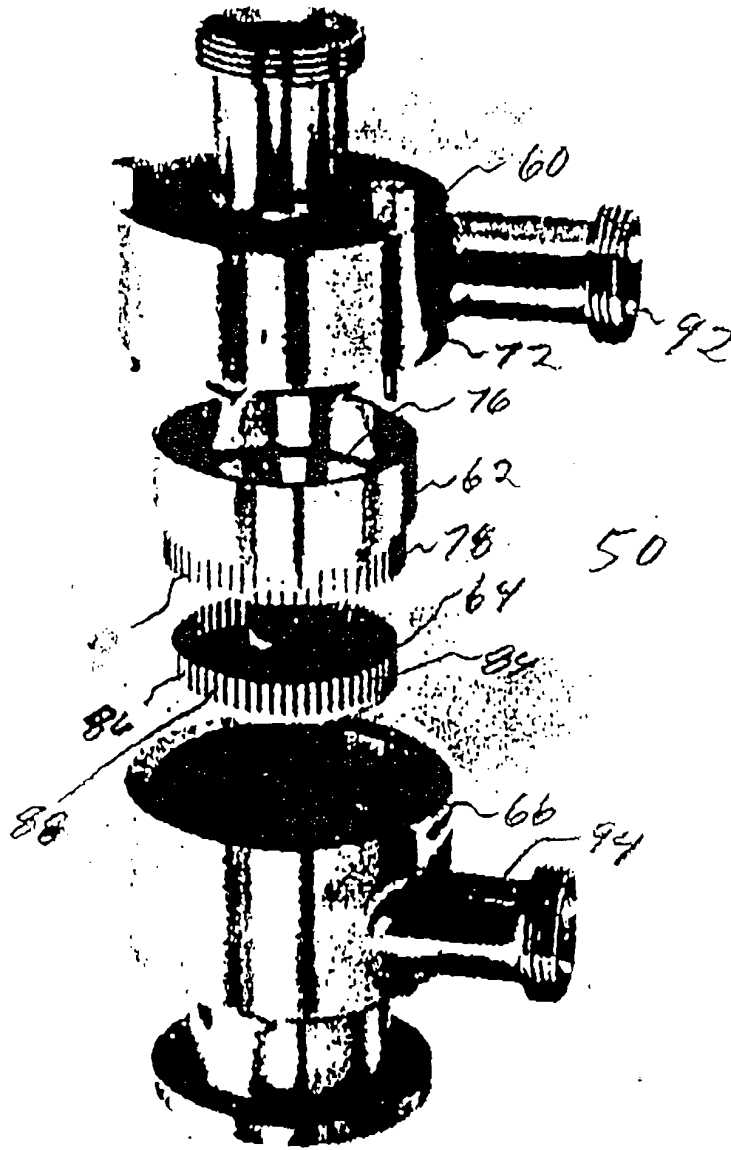


Fig 3

05910120-101504

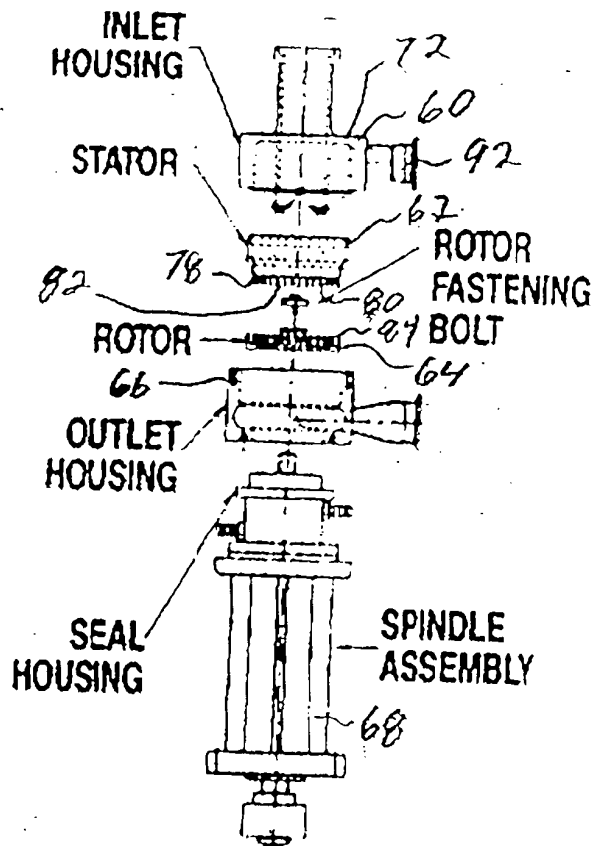


Fig 4A

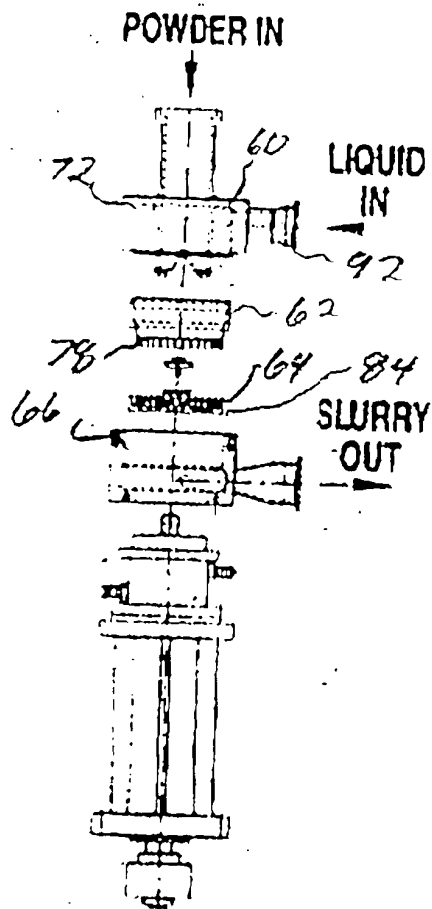


Fig 4B

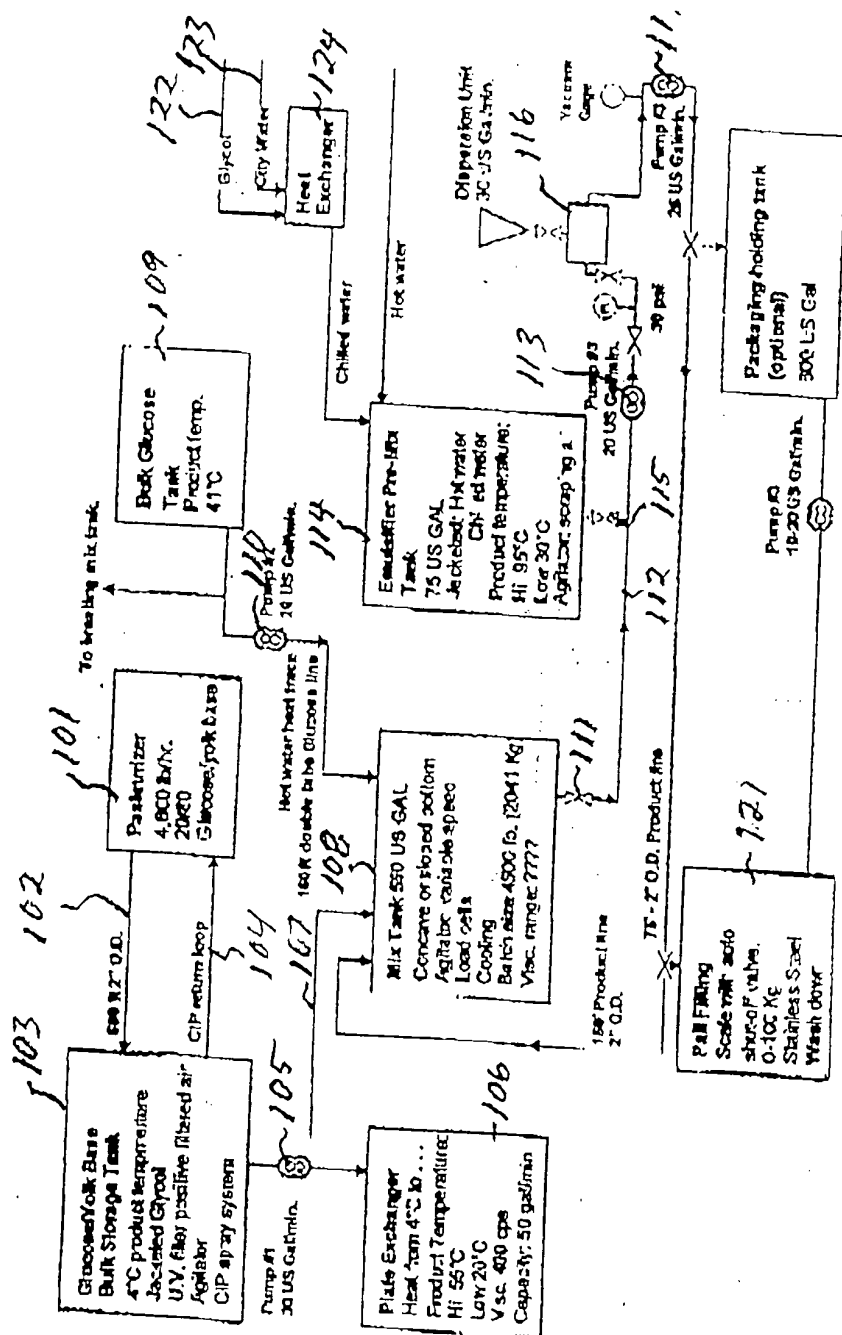


Fig. 5

